

Umetco Minerals Corporation



PO BOX 66 137 47th STREET • NIAGARA FALLS NEW YORK 14302

126
P/EW

3.9.15

DEC 1 1986

November 26, 1986

Mr. C. T. Wentzel
U. S. Vanadium Corporation
P. O. Box 66
Niagara Falls, NY 14302

Subject: Disposal of Sample Cans

Dear Craig:

The last of the metallurgical samples stored in the Globar area that dated back as far as 1902 were removed from the Niagara Plant on November 24, 1986 by SCA Chemical Services. A copy of the Hazardous Waste Manifest is appended. An earlier shipment of non-hazardous samples were removed by BFI Waste Systems on October 10, 1986 (manifest appended). Radioactive samples were included in a shipment to Barnwell Waste Management Facility, South Carolina September 19, 1986.

On Wednesday, November 26, 1986, Al Gonas and I accompanied Mr. Herb Wilber to inspect the area in Globar where the samples has been stored. A radioactive survey was made at that time to confirm that no traces of the radioactive samples had been left on the shelves or in the storage containers. A copy of the letter from Herb Wilber to you attesting to the satisfactory completion of the sample cans removal is also appended.

This completes the obligation of Umetco Minerals to Stratcor Minerals Corporation as outlined in Item 3 (g) of the Environmental Agreement (Niagara Falls) between Umetco Minerals Corporation and U. S. Vanadium Corporation which reads:

"(g) Sample Cans Umetco further agrees to assume the cost of removal and disposal of the numerous small sample cans in the globar area."

UCCNHT0003004

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November 26, 1986

Would you and Dr. Miller, as members of the Stratcor Environmental Coordination Committee for the Niagara Plant, acknowledge acceptance by signing the second copy of this letter and returning it to me.

Very truly yours,



Donald J. Hansen

ACCEPTED BY:

U. S. VANADIUM

By: _____

Title: _____

By: _____

Title: _____

cc: Messrs:

W. G. Beattie

J. F. Frost

T. J. Kagetsu

✓ F. V. McMillen

D. G. Millenbruch

R. L. Miller

UCCNHT0003005

Form Approved OMB No 2000-0404 Expires 7-31-86



Please print or type

UNIFORM HAZARDOUS WASTE MANIFEST		1	Generator's US EPA No	Manifest Document No	2	Page 1 of	Information in the shaded areas is not required by Federal Law	
3		Generator's Name and Mailing Address UMETCO MINERALS CORP 137-47TH ST NIAGARA FALLS, N.Y. 14302			State Manifest Document No. NYA 110922-0			
4		Generator's Phone (716) 286-4028			State NY			
5		Transporter 1 (Company Name) CHEMICAL WASTE MANAGEMENT LTD			State NY			
6		US EPA ID Number LD000806604			State NY			
7		Transporter 2 (Company Name) IDA			State NY			
8		US EPA ID Number IDA			State NY			
9		Designated Facility Name and Site Address SCA CHEMICAL SERVICES 1550 BALMER RD MODEL CITY, N.Y. 14107			State NY			
10		US EPA ID Number WYD049836679			State NY			
11		US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12 Containers		13 Total Quantity	14 Unit
					No. Type			Wt/Vol
a		HAZARDOUS WASTE SOLID NOS. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 7						

EPA Form 8700-22 (Rev. 4-65) Previous edition is obsolete. **Copy 8—Generator—retained by generator**

UCCNHT0003006

INSTRUCTIONS FOR THE UNIFORM HAZARDOUS WASTE MANIFEST

General Information

New York State regulation requires proper completion of all information on a manifest. Omissions, false coding or illegibility is considered a violation. All generators are responsible under New York State and Federal Law for the proper identification, labeling, manifesting and ultimate disposal of all hazardous waste they generate. The manifest system is designed to track hazardous waste from the point of generation until its final disposal (cradle to grave). In order to accomplish this goal, it is essential that all items on a manifest be properly completed.

Distribution

Distribution of each copy of the manifest is indicated on the bottom of the form. Copies of the manifest must be mailed promptly. New York State regulations provide five (5) working days for generator and two (2) for a TSDF. The Disposer's state is the state in which the designated TSD facility is located. Generator's state is the state in which the installation generating the hazardous waste is located. TSD facility is a treatment, storage or disposal facility.

Generator Section

Item 1: Enter the US EPA ID number (twelve digit number issued by the federal government). The generator must assign a sequential unique five digit number different for each manifest, as the manifest number.

Item 2: If a continuation sheet is used, please enter the total number of sheets here. Any EPA approved continuation sheet may be used but distribution and completion must meet New York manifest requirements. The document number in Item 1 must be placed in Item 2 of each continuation sheet.

Item 3 and 4: Self-Explanatory. These must correspond to the generator's US EPA ID number.

Items 5, 6, 7 and 8: These are self-explanatory. These numbers must be secured from the transporter. If more than one transporter is used, the generator must supply additional copies of this manifest (copy #5) for each transporter.

Items 9 and 10: The designated TSD facility, name, address and ID number should appear here.

NOTE: All US EPA ID numbers are a twelve digit code starting off with the letters corresponding to the state in which the facility or transporter is located.

NOTE: Only New York State authorized transporters and TSD facilities are allowed to transport or receive hazardous waste in New York State. The generator shall check for authorization.

Item 11: USDOT requires the word "waste" before or in the shipping name for all hazardous waste. See 49 CFR 171 thru 173. Contact USDOT office for description assistance. Any waste in this box is considered a hazardous waste.

Item 12

Number - indicate number of containers (use whole numbers)

Containers/Type		
DM Metal drums, barrels	DW Wooden drums, barrels	DF Fiberboard or plastic drums (glass)
TT Cargo tank, tank trucks	TP Tanks, portable	TC Tank cars
DT Dump trucks	CM Metal boxes, cases, roll offs	CF Fiber or plastic boxes, cartons
CY Cylinders	CW Wooden boxes	BA Burlap, plastic, paper bags

Item 13: Actual number of units indicated in box 14 (Do not use fractions or decimals)

Item 14: Units (wt/vol)

G-Gallons (liquids only) * [8.3 pounds]	N-Cubic meters * [2,200 pounds]	K Kilograms [2.2 pounds]
L-Liters (liquid only) * [2.2 pounds]	P-Pounds	M Metric tons (1,000 kilograms) [2,200 pounds]
Y-Cubic yards * [85 tons]	T-Tons	

* Specify gravity 1.00 unless indicated in box J

Item 15: Use this space to indicate special transportation, treatment, storage or disposal or Bill of Lading information. If an alternate facility is designated, note it here. For international shipments, enter point of departure. Emergency response telephone numbers, or similar information may be included here.

Item 16: The authorized agent of the generator must read and then sign (by hand) and date this certification. The date is the date of receipt by transporter.

NEW YORK STATE REQUIRES THIS ADDITIONAL INFORMATION

Item A: Number preprinted by New York State Department of Environmental Conservation (NYSDEC)

Item B: Generator site address if different from mailing address. If same, write in same.

Item C and E: State of registration and motor vehicle license plate number of waste carrying portion of vehicle used to transport.

Item D and F: Telephone number of authorized agent.

Item G: No entry required by NYSDEC.

Item H: Telephone number at site of TSD facility.

Item I: Hazardous waste numbers (letter and three digits) as assigned by Part 366/371 (40 CFR 261 subparts C and D) must be used to identify hazardous waste. If waste is not hazardous in New York but regulated by another state, enter that state's waste code.

Item J: If description in item 11 (a,b,c,d) contains NOS or other general term, the hazardous waste constituent must be provided here for each. The specific gravity assumed to be one (1.00) unless indicated in lower right of each box.

Item K: Each material must be assigned an ultimate disposal method code as follows: L = landfill, B = incineration, heat recovery, burning, T = Chemical physical, or biological treatment, R = Material recovery of more than 75 percent of the total material. Both the generator and the TSDF should agree on codes assigned in this item.

Transporter Section

Items 17 and 18: Print or type the full name of person accepting responsibility and acknowledging receipt of material as listed on manifest for transport. Enter date of receipt and signature.

TSDF Section

Item 19: The authorized representative of the TSDF must note in the space any discrepancy between waste described on manifest and waste actually received. Any rejected materials should be listed and destination of those materials provided.

Item 20: The signature (by hand) of the authorized TSDF agent indicates acceptance (except for Item 19) and agreement with statements on this manifest. The date is the date of signature and receipt of shipment. A TSDF not providing ultimate disposal agrees to transfer waste to a TSDF authorized to provide ultimate disposal as indicated in Item K.

Additional Information

1. If the Disposer's State supplies a manifest, that state's form must be used. In any case, New York requires that both the generator and TSDF mail copies to the generator's State and the disposer's State, with the ultimate disposal method indicated in Item K.
2. There may be variations in the requirements between various states regarding Items A thru K, therefore, the generator should contact the disposer's State for specific details.
3. If assistance is needed in completion of this manifest, please contact NYSDEC Manifest Section at 518/457-0530 weekdays from 9:00 a.m. to 4:00 p.m.

UCCNHT0003007



SCA CHEMICAL SERVICES, INC.
P.O. Box 200, 1550 Balmer Road
Model City, New York 14107

WORK ORDER #	
DATE 11/27/10	
TRACTOR	TRAILER

PICK UP				DELIVERY			
SHIPPER	NAME			CONSIGNEE	NAME		
	STREET				STREET		
	CITY	STATE	ZIP CODE		CITY	STATE	ZIP CODE
	CONTACT NAME				CONTACT NAME		
	SCHEDULED TIME				SCHEDULED TIME		

ADDITIONAL INFORMATION	ADDITIONAL INFORMATION
------------------------	------------------------

PRODUCT CODE	MATERIAL DESCRIPTION	QUANTITY	GROSS	SHIPPER'S RECOMMENDED PLACARD (CIRCLE)
607702	metal oxides	10 dr	TARE	NON-FLAMMABLE
607703	plc	2 dr	NET	
			<div>FLAMMABILITY</div> <div>HEALTH</div> <div>REACTIVITY</div> <div>WATER</div>	FLAMMABLE SOLID <input type="checkbox"/> LIQUID <input type="checkbox"/>
				CORROSIVE
				POISON
				DRIVE SAFELY
				PCB
				DANGEROUS
				OTHER

PICK UP	DELIVERY
ARRIVAL TIME <input type="checkbox"/> AM <input type="checkbox"/> PM	DRIVER DATE
RELEASE TIME <input type="checkbox"/> AM <input type="checkbox"/> PM	ARRIVAL TIME <input type="checkbox"/> AM <input type="checkbox"/> PM
TRAILER EMPTY UPON ARRIVAL (If not, explain below) <input type="checkbox"/> YES <input type="checkbox"/> NO	TRAILER EMPTY UPON DEPARTURE (If not, explain below) <input type="checkbox"/> YES <input type="checkbox"/> NO
DIP MEASUREMENT (Tankers Only) _____ INCHES	COMMENTS (EXPLAIN ALL DELAYS)
COMMENTS (EXPLAIN ALL DELAYS)	
I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.	
DRIVER'S SIGNATURE	DRIVER'S SIGNATURE
SHIPPER'S SIGNATURE	CONSIGNEE'S SIGNATURE

UCCNHT0003008

NON-HAZARDOUS WASTE MANIFEST

Full Sample Come re: bet Burke

GENERATOR

Generator Name UNITED MANUFACTURING Shipping Location UNITED MANUFACTURING
Address P.O. Box 1029 Address 47th FROYAL
Grand Junction CO 81502 NIAGARA FALLS NY
Phone No 716-278-3214

BFI Lab Number	Description of Waste	Quantity	Units	Containers No	Type	Codes
26661	NON HAZ. SOLID WASTE	30	Y	1		D - Drum C - Carton B - Bag T - Truck P - Pounds Y - Yards O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations

Generator Authorized Agent Name [Signature] Signature [Signature] Shipment Date 11/16/01

TRANSPORTER

Transporter Name NIAGARA SANITATION INC Driver Name (Print) ANTHONY G BEEK
Address P.O. Box 571 Vehicle License No /State 434116K N.Y.
KENILWORTH NY 14112 Vehicle Certification 9A065

I hereby certify that the above named material was picked up at the generator site listed above

I hereby certify that the above named material was delivered without incident to the destination listed below

Driver Signature [Signature] Shipment Date 11/16/01 Driver Signature [Signature] Delivery Date 11/16/01

DESTINATION

Site Name NIAGARA LANDFILL INC. Phone No 716-282-8692
Address 56th & Pine Ave Niagara Falls NY

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate

Name of Authorized Agent [Signature] Signature [Signature] Receipt Date 11/16/01

WORK ORDER NO. 111409Landburial Ban
WASTE CERTIFICATION FORMCWM-WASTE CODE: G07702

(To be attached to the Manifest Form for first time shipments, annually, when the waste stream composition changes, or when otherwise required by NYSDEC)

Part A (General)

1. Describe the process producing the waste (including the representative SIC code).

MANUFACTURING OF METAL ALLOYS
METAL ORES

2. Is this material a "one time" shipment or a continuing waste stream?

ONE TIME

3. Is this material from an inactive hazardous waste site or spill cleanup?

NO

4. a. Does this waste contain organic chemicals?

NO

- b. If so, does this waste contain:

1. aromatics?
2. halogenated organics?
3. nitrogenated organics?
4. low molecular weight organics?

NO

NO

NO

NO

5. Does this stream contain any organic materials listed in 6NYCRR 366.4(d)(5) and 366.4(d)(6) (P-list or U-list)? If so, list them:

NO

If any of the answers to question 4 or 5 were yes or unknown, complete Part B of this certification for those classes of materials which are known or suspected to be in the waste. If you answered no to all of these questions; please sign the following certification:

BASED ON MY KNOWLEDGE OF THE PROCESS AND CHEMICALS USED IN GENERATING THE WASTE, I CERTIFY THAT THESE WASTES QUALIFY FOR LANDBURIAL UNDER THE NEW YORK STATE LANDBURIAL BAN AS DESCRIBED ON THIS FORM. I FURTHER CERTIFY THAT I WILL RESUBMIT THIS FORM IF THE WASTE STREAM COMPOSITION CHANGES IN A WAY WHICH MIGHT INCREASE THE CONCENTRATIONS OF ORGANIC CHEMICALS IN THE WASTE STREAM.

IT IS A CRIME, PUNISHABLE AS A CLASS A MISDEMEANOR UNDER THE LAWS OF THE STATE OF NEW YORK, FOR A PERSON, IN AND BY A WRITTEN INSTRUMENT, TO KNOWINGLY MAKE A FALSE STATEMENT, OR TO MAKE A STATEMENT WHICH SUCH PERSON DOES NOT BELIEVE TO BE TRUE.

Name: Albert M Gonas

(Please type or print)

Signature: Albert M GonasTitle: TechDate: 11/25/86Firm: Umatco Minerals CorpAddress: 137-47th St. Niagara Falls N.Y.

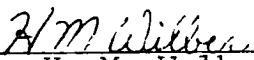
STRATCOR
Internal Correspondence

P. O. Box 66
Niagara Falls, NY 14302

November 26, 1986

TO. C. T. Wentzel
COPY D. J. Hansen
SUBJECT: Sample Cage

The sample cage is clean and all samples have been removed. This area is also clean of radioactivity. Numerous sample jars have been left for J. Cooper. These jars are physically clean, but haven't been rinsed. As far as I'm concerned, Umetco has fulfilled their clean-up requirements.



H. M. Wilber

HMW:lp

UCCNHT0003011